

22264 U.S. PTO  
10/730966



# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |           |
|------------------------|---|-----------|
| Attorney Docket No.    |   | 51876P412 |
| First Inventor         | In-Woo Jang, et al.   |           |
| Title                  | METHOD FOR MANUFACTURING FERROELECTRIC RANDOM ACCESS MEMORY CAPACITOR |           |
| Express Mail Label No. | EV339916635US   |           |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

- |   |   |
|---|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/>(Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <u>19</u>]</span><br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <u>11</u>]</span></p> <p>5. Oath or Declaration (signed) <span style="float: right;">[Total Pages <u>3</u>]</span></p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br/>(for continuation/divisional with Box 18 completed)</p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/><small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|---|---|

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment ☐ Application Amended to Reflect Claim of Priority
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Request for Priority; Formal Drawings Transmittal;  
Checks in the amount of \$770.00 and \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application Information: Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number

**08791**

or ☐ Correspondence address below

|         |  |           |                |          |                |
|---------|--|-----------|----------------|----------|----------------|
| Name    | Blakely, Sokoloff, Taylor & Zafman LLP |           |                |          |                |
| Address | 12400 Wilshire Boulevard, 7th Floor    |           |                |          |                |
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| Country |  | Telephone | (310) 207-3800 | Fax      | (310) 820-5988 |

|                   |               |                                   |          |
|-------------------|---------------|-----------------------------------|----------|
| Name (Print/Type) | Eric S. Hyman | Registration No. (Attorney/Agent) | 30,139   |
| Signature         |               | Date                              | 12/08/03 |

Based on PTO/SB/05 (08-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 08/11/2003.

SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ ) 810.00

## Complete if Known

Application Number  
Filing Date  
First Named Inventor In-Woo Jang  
Examiner Name  
Group/Art Unit  
Attorney Docket No. 51876P412

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account

Deposit Account Number 02-2666  
Deposit Account Name Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description        | Fee Paid     |
|--------------|--------------|----------|----------|------------------------|--------------|
| 1001         | 2001         | 770      | 385      | Utility filing fee     | 770.00       |
| 1002         | 2002         | 340      | 170      | Design filing fee      |              |
| 1003         | 2003         | 530      | 265      | Plant filing fee       |              |
| 1004         | 2004         | 770      | 385      | Reissue filing fee     |              |
| 1005         | 2005         | 180      | 80       | Provisional filing fee |              |
| SUBTOTAL (1) |              |          |          |                        | (\$ ) 770.00 |

### 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 14                 | 20** = 0     | 18.00          | \$0.00   |
| 1                  | 3** = 0      | 86.00          | \$0.00   |
| Multiple Dependent |              |                |          |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Description   | Fee Paid   |
|--------------|--------------|----------|----------|---|------------|
| 1202         | 2202         | 18       | 9        | Claims in excess of 20                                    |            |
| 1201         | 2201         | 86       | 43       | Independent claims in excess of 3                         |            |
| 1203         | 2203         | 290      | 145      | Multiple Dependent claim, if not paid                     |            |
| 1204         | 2204         | 86       | 43       | **Reissue independent claims over original patent         |            |
| 1205         | 2205         | 18       | 9        | **Reissue claims in excess of 20 and over original patent |            |
| SUBTOTAL (2) |              |          |          |   | (\$ ) 0.00 |

\*\*or number previously paid, if greater, For Reissues, see below

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity        | Small Entity | Fee Code | Fee (\$) | Fee Description  | Fee Paid    |
|---------------------|--------------|----------|----------|--|-------------|
| 1051                | 2051         | 130      | 65       | Surcharge - late filing fee or oath  |             |
| 1052                | 2052         | 50       | 25       | Surcharge - late provisional filing fee or cover sheet                     |             |
| 2053                | 2053         | 130      | 130      | Non-English specification  |             |
| 1812                | 1812         | 2,520    | 2,520    | For filing a request for ex parte reexamination                            |             |
| 1804                | 1804         | 920 *    | 920 *    | Requesting publication of SIR prior to Examiner action                     |             |
| 1805                | 1805         | 1,840 *  | 1,840 *  | Requesting publication of SIR after Examiner action                        |             |
| 1251                | 2251         | 110      | 55       | Extension for reply within first month                                     |             |
| 1252                | 2252         | 420      | 210      | Extension for reply within second month                                    |             |
| 1253                | 2253         | 950      | 475      | Extension for reply within third month                                     |             |
| 1254                | 2254         | 1,480    | 740      | Extension for reply within fourth month                                    |             |
| 1255                | 2255         | 1,210    | 605      | Extension for reply within fifth month                                     |             |
| 1404                | 2401         | 330      | 165      | Notice of Appeal   |             |
| 1402                | 2402         | 330      | 165      | Filing a brief in support of an appeal                                     |             |
| 1403                | 2403         | 290      | 145      | Request for oral hearing   |             |
| 1451                | 2451         | 1,510    | 1,510    | Petition to institute a public use proceeding                              |             |
| 1452                | 2452         | 110      | 55       | Petition to revive - unavoidable   |             |
| 1453                | 2453         | 1,330    | 665      | Petition to revive - unintentional   |             |
| 1501                | 2501         | 1,330    | 665      | Utility issue fee (or reissue)   |             |
| 1502                | 2502         | 480      | 240      | Design issue fee   |             |
| 1503                | 2503         | 640      | 320      | Plant issue fee  |             |
| 1460                | 2460         | 130      | 130      | Petitions to the Commissioner  |             |
| 1807                | 1807         | 50       | 50       | Processing fee under 37 CFR 1.17(q)  |             |
| 1806                | 1806         | 180      | 180      | Submission of Information Disclosure Stmt                                  |             |
| 8021                | 8021         | 40       | 40       | Recording each patent assignment per property (times number of properties) | 40.00       |
| 1809                | 1809         | 770      | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 1810                | 2810         | 770      | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 1801                | 2801         | 770      | 385      | Request for Continued Examination (RCE)                                    |             |
| 1802                | 1802         | 900      | 900      | Request for expedited examination of a design application                  |             |
| Other fee (specify) |              |          |          |  |             |
| SUBTOTAL (3)        |              |          |          |  | (\$ ) 40.00 |

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type) Eric S. Hyman

Signature

Registration No. (Attorney/Agent) 30,139

## Complete (if applicable)

Telephone (310) 207-3800

Date 12/08/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

IN-WOO JANG, ET AL.

Application No.:

Filed:

For: **METHOD FOR MANUFACTURING  
FERROELECTRIC RANDOM ACCESS  
MEMORY CAPACITOR**

Art Group:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

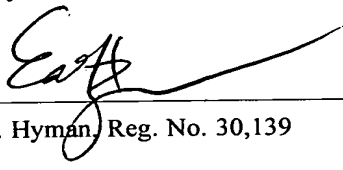
**TRANSMITTAL OF FORMAL DRAWINGS**

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 11 sheets including 15 Figures. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

Respectfully submitted,  
Blakely, Sokoloff, Taylor & Zafman LLP

Dated: December 8, 2003

  
Eric S. Hyman, Reg. No. 30,139

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